The winner Frenk Ulirich, GDR (centre), followed by Etrik Kveltoss, Norwey (right), and in Hilled plecing Terjo Krokslad, Norway



President comments on championship

ship et Rambichi, Byolorussia, was brilliantiv committee was brillantly organized, and those involved in the preperations deserve gold models, Sven Tholelt, Swaden, President of the International Modern Pentathian and Blathlon Union, Ioid a TASS correspondent.

According to him, biathlon is getning to popularity, one indiparticipation in the champion

He later noted that oo sur prises have occurred so fer and predicted that now before the peginning of almost any major international meeting the tono would be set by the GDR, tho USSR, Norway however, other countries are gradually colcling np. Though Frenk Ulirich, GDR, currently dominates the sport, I believe that the Soviet Olympic chem-pion Alexander Tikhonov ta the top blatblonisi of all time, commented Tholes.

Ulirich won the 20 km race with four firing trials in top form, clocking 1 hr 07 min 17 sec and picking up only penalty minutes. Altogether 72 entrants from 19 countries were taking

Vikior Semyonov, the top So-vict entreal, finished up in se-venth place. Frank Ulirich, 24, now holds 11 titles from junior and senior world championships. es well as one gold, Iwo silver and one bronze Olympic awards.

crews in second and third places.

ond in the wlodgitder reces,

followed by Iwo more So-viel entrants, and the Yav-

geny Kudryovtsev crew mede

a sinilar showing in the Solieg competition. Dmilry Beryozkin end Igor Kuzactsov ceme homo Ihird in the 470 closs.

Nikolei Kravchenko came sec-

SOVIET YACHTSMEN A SUCCESS IN CANNES

The USSR performed well as the recent Cannes sailing regalla, winning two classes and leking several more awerds.

Sergel Khoretsky, Minsk, Irlumphed in the Finn class, and Alexander Shpilko and Yuri Budenisev won in the Flying Dutchman cleas, with Iwo other Soviet

CELEBRATED PILOT COMMEMORATED

team sponsored by the Bearing-Making Plant Moscow beve won the Valery Chkolov memorial, a leam event beld tor the 41st time. The event is nomed after Valery Chkalov, o rennwned So-

ATTENTION.

ABROAD

DEAR READERS.

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the editions of both News" and "MN in-

from the Soviet Uelon to Americe vio the North Pole. Moscow's Engineering Physics Institute learn came eecond and the Central Army Club Ihird. Tho entrants competed on the trozen Muakva River of Krylatskoye.

tha week. ..

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on Tuesdays eed Saturdays, and place in brief the letest information on eyests in the USSR and in the world reported by DEUTCHE DEMOKRATISCHE REPUBLIC

 Deutsche Post und derae
Zusteller 1A95 and foreign news sgancies. Nations short of the meterial estrict in the editions of both

Daulche Post, Zellungsvarfrisbsemi, Siresse tional heady tournament by healing the Swedish world champions, 4—1, in the closing game, thair titlb auch triumph to date. The USSR dominated throughout. Swedeo were placed second, and Finland third, after beating

'REHEARSAL' COMING

The USSR men's handball side

is winding up preparetice for the World Championship due in the FRG on February 23-March 7.

In January the Soviel teast-lest

champtonship'a alivar medallists

-took on many of its future op-

ponents te a range ol tournaeients in the FRG and Spain, Be-lore leoving for the FRG tho

team will play some internetion-

Their first World Chempion-

ehlp gema on February 23 will

be agalest Czechoslovakla. Next

day they will play Kuwati, end on February 20, the FRG. The three top tesma in each group

(there are altogether four groups) will play le Iwo demi-linal lournaments between February 28 and March 4. The win-

ners will clash in the finel game

on Merch 7, while the second-

placed leams will vio for the

The GDR, Poloud, Czechoslovakia, Floland, Swedoe, Freece end the IRG are entering tato the USSR wheler swimming championship

hald at Moscow's Olimptisky Swimming Poel which is doe to con-

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ENGLAND

Norway, 5-0.

ele in Iceland

ronze awards.

TO A CLOSE

SWEDES DEFEATED

To their enother friendly in Spain the USSR drew, 2-2, with a side comprised of Real and Castilla players, Madrid. The Soviet Uolon won the 6th "Sovietskaya Rossiya" interna-

The Spaniards led, 2-0, well into the second half when Blokhin and Buryak equalized in the 85th and 87th minute.

Among the 50,000-strong crowd at Madrid's Sanilago Bernabi aladium was Tele Sanisas, head coach of Brazil, pitici against the USSR in a World Cup finals



FOOTBALL PAGEANT DRAWING CLOSER

cow aed Vorosbilovgred after a shart break, with the Moscow stags drawing the most interest, featuring the aix lop clubs. to the photo: the Central Army Club meeting the Bunnan Higher Technical School team.

Photo by Yurt Tnior

FOLLOWING THE GUERRILLA ROUTE

Over 5,000 contestants entered a cross-country skiling roce, the largest such event yet seen in Czechoslovekie. Tho race took pinco in the Central Slovakia, which was the centre of an antiascist Slovek national uprising during World War II.

55 km linerary followed the old guerrille routes in the Kremnica to the region's centra lanska-Bystrica.

SARAJEVO GEARING UP

The first issue of the press the 1984 Sarajovo 14th Winter Olympics Organizing Committee.
This weekly buildin will come
out every Wednesday, and if the demond presents fiself, it will

OF INTEREST

THE SHORTEST BOUT IN JAPANESE BOXING

For lifteen years, the record shortest bout in the history of Juponese boxing woa held by Shigenori Arisawo, who on Ociober 2, 1966 knocked down his opponent in 13 seconds. Not en by o feathor-waight boxer Toshio Oki who anded his ligid. in 12 acconds.

A LONG BEEF INFORMATION CE The same of the sa

EDITORIAL BOARD

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INFORMATION

The Russian Winter Jestical pararie,

Russlan winter.

FACTS

Farewell to

Guits of retreshing cold all and the spring

sun, the sounds of nusic and duging hells reconnding from Russian trokas, are just a low

features of the festival at the Bitsa Sports Com-

plex outside Moscow marking the end of the

This harbiton confinues into the 20th century

since time immeniorial and forms part of the

solar rimal, benca the tradition of making

pancakes um this day, resembling the sun's shape

Round the Soviet Union

NE FIRST SECONDARY
SCHOOL SPECIALIZING IN
THE ARTS HAS OPENED IN KEREYAN, THE CAPITAL OF ARME?"A Similar educational establishments are opening, on the besis of art and music

schools, in ell the rapublic's ci-

Hes and district centres. Yodey,

over 150,000 children sludy el 143 music end eri schools in the

THE FIRST HIGH-ALTI-TUDE LEMON ORCHARD IN

Photos by Valety Zubirov

The lestival juctudes games, merry-making,

round dances, competitions, and performances,

by circus and variety groups. You can Judge the

festival's scale by the fact that over 2,000 per-

formers are husy entertaining the aurliences at

Bolling somovars of lea amidst mouth-water-

ing delicacies crown the tables lining the streets:

AZERBAHAN NAS BEEN PLANT-ED IN THE TALYSHSKY MTS AT 1,000 M ABOVE SEA LEYEL. The lomons will be grown in tren-ches on westolands or lend unsullable for giving other crops.
This is the lirst time such a
method has been employed to mountainous terrein,

THE PRACTICALLY INAC-CESSIBLE AREAS OF DZHUN-GARSKI ALA-TAU MTS IN SOUTH-EAST KAZAKHSTAN NAPPENED TO BE A RICH "GALLERY" OP STONE AGE ART. The Semirechensk ercheeological expedition from the Republican Academy of Sciences discovered hero some 2,000 cliff drawings.

Havana forum Havane, Wo sec our future in

the consolidation of the societist state, improvement of socialist ilemociacy end the stebilizing of our economy, the head of the Pulsh delegation, Eugenbusz Mielnicki, fold the 10th World Trade Union Congress here. The accomplishment of the greet task of building a socialist Poland is being undertaken by the working people, he stressed. The Po-Itsh people are totally opposed to the blockade and economic sanctions aimed et aggravating the situation ut our working people. We declare of this lorun, Atlelnicki pointed out, that Poland has always been and will remain as a firm link in the community of socialist antions. Aware of the lifter experience of the past, he said, we will safeguard our alljanco with the Soviet Union to the best of nur ability. We want to express our sincere gialitudo for the fia-

(Continued on page 2)

Sweden advocates a nuclear-free zone

Stockholm. The Swedish Foreign Minister, O. Ulisten, has favoured measures clared at achieving disormament. It is vitelly impurtant to urgently ro-sume Soviet-American lalks on limiting strategic offensive arms and reducing nuclear stockpites. Sweden odvocetes elforis lo create a nucleor-free zone in Northern Europe, he sald, and to ultimetely eliminole oll nucleer orms on the conti-

and EVENTS

O The Foreign Minister of Panama, Jorge Illineca, has urged his government to asteblish dipnetic relations with the Soviet O The FRG will not allow that

USA to daploy its new chem-ical weapons in the country, E. Bahr, a prominant member in limnary corps. the Social Damocralic Party of

WASHINGTON CAUGHT OUT

South Korea starts war games

just help yoursell!

Tokyo. The exicu-tive US-South Korean "Team Spirit 82" war instruenties have just commenced in South Kittee end Involva 100 min South Kolean lipops and 40,000 US experti-

Takyo. Reuter-TASS. According to the North Korean news agency, North Korea has denonnced a 10 week joint milllary exercise by US and South Korsen troops celling it a test wer lu provoke a oew conflict on the divided peninsula

Thousands of Salvedorans live under the sights at the US supervised Junia troops.

Photo from "Neuea Dentschlond"

Washington, American advisers ere directly involved in lerror operations performed by the blood-stained junta in El Salva.

The Cable News Nelwork recently screened e film shot by . lla reporters revealing several; US advisers in a combal area in eastern El Selvador carrying.

M-16 automalic rilies, large
calibre pisios and hand grees.

When urgently shipping a contingent of US advisers to aid the junia certy last year, the Reagan administration assured its public thay were forbidden, apart from laking part in military operations, even to carry

comist verspose lo reality, these odvicelli are directing the lerror acts by the military againsi civiliers and ere involved in punitive ppare

The nelwork's disclosure embarrassed itto Washington adout-nistretion, and according to the ABC, Reegen basiened to claim

ASC. Resign hastened in claim that the advisors were armed only for their negonal projection out that he had ordered an laquiry into the maller.

On the other hand, a Department of State spokesman while the impression that the administration was totally in the riack regarding the operations of the own advisors to II Salvador.

SYRIA'S FRIENDS AND ENEMIES

Tunis. Syria with conlinue to develop and strengthen its rela-Hone with the Soviet Union, said its Deputy Premier and Foreign Minister Abdel Hallm Khaddain hi an interview with the "Al-Sabah" newspaper. Khadidan, who was attending a number tial level emergency session of the League of Arab States Council, stressed that cooperation with the Savlet flulou advanced the interests of the stringele being waged by Syria and other Arab pallons for

their legitimate rights. Kheddam denounced the anti-Syrian campaign, misrepresentbig recent developments in Syria, which had been taunched n the American press. The inrident in the fown of Itams, he charged, was moderninged by American Imperialism and 133 intelligence services looking after the interests of Washing-ton and Tel Aviv. This vigilent rampaign, the Syrian deputy premier said, is the US edininistration's reaction to the failure of its anti Arab introcuvilles in the UN anti e result of the increasingly isolated position in which the aggressors and their overseers find themselves.



Jose Loup Christian itell and Patrick Baudry, the two French space-men, continue litely preparations for the joint Saviet-French space flight. (See page 5.)

Awards to staff members of Soviet Weekly's

The Problem of the USSR Supreme Soviet has issued e decree awarding orders and me daly to fout Brilish subjects and nembers of the "Soviet Veekly" newspaper published in Locken. The awards are made for productive work aimed et the davelipment and altengthaning of Irlendship, mu-tual understanting and coope-rotion between the peoples of the Soviet Union and Greet Britain and to connection with the 10th anniversary of the publication of the lirst issue of "Soviet Weekly" The nemas of the four award winners: ere as follows: Alfred Hasting, awarded the Order of Friendship Among Peoples; Aluese Elliet and Iris Smith—the Order of Badge of Honoury and Alice Cox—the Medal for Labour Valour. Medal for Labour Valour



EUROPEANS FAVOUR DIALOGUE

Brussela. Europeans are convinced of the need to continue dialoguo, it is stated in a decinitition put aut by the Secretarial of the International Committee for European Sacurity and Cooperation Dialogue la particularly vital, the declaration confinues, in lines of crtsia. The problems now under review in Medrid and the new proposals, actobly on the need for a disarmement conference ia Europe, ere essential il a miclear conflict on this conti-

Madrid coaleraace ware to fail to achieve positive results after more then a year's work end if the delegates were to part havlag reached so constructive conclusions despite the fact thet they have et their disposal proposala for all the "basketa" ni the ifelsinki Finel Act on which egreement has been reached, the public would not understand, it is said in the

REALISTIC PROPOSALS BY AFGHANISTAN

New York. Alghanishu'a Ambasador to the UN M. Farid Zasti has sent a lutter to the UN Secretary-General stressing that mounting armed en-resocirments from Pokistani territury are escalaling tonsions arut threotening peaco in tho area. The military regime in Pakistan, the fettes charges, is intly responsible for this slate

The letter further points out that the Aighan government proposals of Nay 14, 1980 and August 24, 1981 are realistic and flexible, taking luft account of the interests of all sides. It is to be regretted, the letter

Dellii, UNI-TASS, China is

stemping up auditary prepara-tions which threaten india's se-

curity and territorial Integrity.

At the present time, Peking has around 500,000 troops alatiened in Tiliet, with most of the army

units heing concentrated on the

littensive military construc-

tron is efoot in some parts of Tibet—strategic roads, runwoys

and roder stations are being

VIEWPOINT

The Western press is widely edvertising the "naw" proposals for a settlement of the Na-

miblan issue drawe up by the

"centact group" coasisting of the USA, Britain, Frence, the

FRG and Cenade. The "stega-by-

slage" plan, besed on an Amar-

rapresentative of the interests of

all parties and as the only el-

lective maans towards on early

solution of the Namiblan prob-

Evan a cursory glance of

these proposels, recently pub-lished in the Namibian "Wind-

hoek Objerver", however, re-

veels thei just the Opposite is

the cesa. The lists stage of the pien enviseges the formulation of constitutional principles, the

second—e decision on the com-position and deployment of UN troops, and the third—line draw-

leg up of a timetable for an

dreft, is being described as

butit end communications line

bouders with India.

@

3

TERRITORIAL CLAIMS

New proposals—but goals remain unchanged

continues, that the Pakistani nuthorities relised to anter acgotiationa ou litis basis.

In our opinium, the letter stresses, the contacts between Alghonision and Pakistan oaking uso of lacilities provided by the UN Socretary-General were useful, and we are ready to urgenity coalinue such contacts at any place and without any preconditions. The government of Alghamstan is ready for talks either on a bilateral basis, which is preferable and more promising, or for tripertite talks if the government of Iran la

ready to jetn them, concludes NO LET-UP IN PEKING'S

set up. Nine military addicids ere already in operation, and

some 15 radai stetions and roc-

ket lannchers have been esla-

The Chinese leaders continue

openly to lay cisim to parts of indie and other stalea, using thair pet ploy of publishing "history" maps showing Nepal, Butae, and parts of lodia, Burma, Malaysia, Thailaod, Vietnam, Laos and Kampuchaa aa "Chisa's lost territories".

drewal of the South Africae oc-cupation ferces end the holding

of general elections. If is clear

its lirst stage, e cassefire le Na-mible and the holding of gen-erel olections ueder UN supar-visien, to be followed by the creation of a castificant as-

creelice of a cassificent es-sembly and the adoption of a constitution.

The "contact group" proposels, therefore, ere ea obvious

affempt to delay giving inda-pendance to Namible and to

provide the South Africes re-cists with a respite to "satile" the Nomiblan problem in fine

with the Pretorie scenario, i.e.,

plece their puppels in power fe

in the past lew years the

Valentin KUNIN

that the pien russ counter to the fundamestel UN document of the Namible (Security Council Resolution No. 435) which hes, as

blished for three regions.

MILITARISTIC PROGRAMME UNDER FIRE Weskington. The Reagon administration's 1983 Federal bud-

get dreft is causing increasing pposition in Congress.

R. Dole, Chairmen of the Senate Finance Committee, claimed the budget's delicit of \$1,500 million dollers must be reduced at all coats, locking at the expense of the 263,000 million ilollar military allocations, Republican Senator D. Durenburger auggested scraping nine military programmes over the next few years, including the deve-

lopment of submarine cruisn

missiles, the strengthening of

We... want aven further. This to be used in World War 4.

tho Minuteman and Titan missile allos to meet the require-ments of MX intercontinental ballistic missiles, and the pro-

protolype of the chief weepon

Drawing by Dmilry Variantov

duction of F-18 fighter-bombers.

We cannot efford auch a destructive deficit. If the 1983 budgel is pul foto ellect the enlire country's ecosomy will suller, and eltempte to combat unemployment will be undermined, former President Corter John newamen lo Nashvillo, Tennessee. Reagenonice is possibly tire most serious economic mistake our country has ever made,

SITUATION IN CHAD

Paris. AFP-TASS. The Ironsi-Fonal government of national unity in Chad has rejected proposals put forward by a speciel committee of the Organization of African Unity (OAU) for e seltlement in Chad. The limplementation of the resolution taken by this committee at its meeling in Netrobi, according meeting in Netropi, according to a Chad governmentel com-nrunique issued la N'Djameae, would signify a return to the

South Airicea government has base working hard to counter-balance SWAPO's influence in Namible by creeting so-called domails positive.

rican ceuse. While file "con-fect group" dragged thair feet, the racists set up puppet power bodies to Namilisters" led by white millionalse description

white millioneire farmer Dirk

Mudge. Lest November Western

liplemels were le Windhoek

these pupper groupings. To elf intents and purposes this signified acknowledgement of the latter es

e partner is the search for a settlement in the country—pre-

bees seeking all elong.
With such encouragament,
Mudge end Ce are becoming
progressively cheeky, demand-

cisely what South Africa

met raprasentelivas of

destructive war in the country. As la known, the OAU speciel committee announced thet the pan-African peace-keeping for-ces would be wilbdrawn from

commenced imprediate ment drawing up a provisional con-allution, and holding partiamentery end presidential elec-

lag, no mere no less, that the

be recognized alongside SWAPO, as the legitimate rapresentativas of the Nemiblen people. Aflaging that the UN is blased in relusing to meet their damends, the Nomiblen puppets raiuse it eny part in the settlement precess.

mant precess, es was mode clear the other day by K, Preterius, chairman of the domestic Notionelist Perty of South-World Africa, Nis statement was

quite revealing—the South African press has been intimoting it might be a good idea to set up laternational armed forces to

supervise elections in Namible

nade up of troops provided by

"coaloct group" members, pri-marily the USA—which in effect means placing the settlament in

Nemible under direct Western

control. A questien is in order:

who empowered Weshington end its ailies to decide the future of

The cynical steed taken by the

Wast on the Neimbian Issue and its etiempts to loisi lictitious

Independence on the country ere being rebuiled by SWAPO and the whole of ledependent Africa. SWAPO President Sam

Nujema has repairedly stressed that the providen of independence to Namible should be in strict compliance with UN Resolution No. 433. If not SWAPO

will wege ee ermed struggle until finel victory.

the people in Namibiel

Chad provided the Chad governtalks with the lornicy delenie minisier, Habre. The reachillon elso called for an end to hostilitles beginning February 28,

The transitional government relused to negotiate with the ra-bels. The communique airesses that the government is plonning free democratic elections only whea political, military and orgenizational conditions are sul-

SOUTH KOREA STARTS WAR GAMES

(Continued from page 1) A North Korean foreign ministry apokoeman wes quoted st acyling that the exercise, "Team Spirit-82", had North Korea as the target of Ita atteck and Iha It was 'e wonton violalled d the Korean ermiatice agree ment" end should alop modiately.

TRADE UNION MOVEMENT THREATENED IN TURKEY

Hevana, Komal Daisal, Secretary of the Confederation of Progressive Trade Unions of Turkey (DISK) has urged the world public to take all possible seures to save the lives 52 DISK leaders and activists. aubject to count acon.

It was due to Washington's backing, he told o pross conferenco bero, that the bourged ale ood the intercal resction force in Turkey were responsible for the massive repression. measures taken against the Tur-

kleb trade union movement. Despite promises by the auout of its deep crisis, life for the majority of the population has oot improved in the slightest, Dalsal emphasized. The number of unemployed has reached the 600 contract of the slightest. ched the 6,000,000 mark; infla-tion is accelerating about at 40; per coot e year, and foreign debt now totals 23,000 million

Libya won't toe the line

Tripoli. No manosuvie by the USA and reactionary local will detract Libya Iron in The Europeen Communities
 Commission has released stallsstrugglo against America in-perialism and against America lienchinan, Israel, and lor the lieedom and happiness of oplics showing that by comparison with last yeer industriel production is the tes EEC countries pressed peaples, the Unyan leader Mr. el-Geddaff told tepte dieppod by 2-2.5 per cent, while the number of unempleyed has shot up to 10.3 million, and the sentatives from eledents' connditees. He noted that the rate of inflation stands at 12.7 American administration lalled per cent to compel the Libyeo people to O A decision te launch inle too the line, following a policy the production a spy satellite has been loken by a special that refuses to support the m Ilmual liberotion movements and Space Exploration Commission the Areb people of Palesline sel up by the ruling Liberel-De-Tu achievo thaso designs, the mocratic Perly in Jepan, The sa-USA employed political prestellife is designed fe pholograph Soviel militery installations in the

Far Easl.

HAVANA FORUM

sure, recolled its apacialisis and

stopped oil imports from Libra

(Continued Iram page II ternal Internationalist assistance by the Soviel Union and other socialist countries.

Tho World Peaco Council President Romesh Chandra, an honorary guest of the lorum, claimed that if the working peoplo united they could defeat their principal enemy-impe-rialism. Ho lutther exposed the US president's dangerous talk of the possibility of a "limited" nuclear war in Futope.

Accra. The Provisional coun-

ril lor national delence is

Cihana ligs established e com-

intitlee primarily designed to re-

ylew the country's economic

stale. The council will revise the 1981-82 fiscal budget

adopted by the former govern-

ment, suggest measuree la com

commendations for closing the

belance of paymenta deficit

Recent Poland and Hungary economic reject external moves in Ghana

Warsaw, Poland and Hungory vigorously denounce the actions taken by the US adoilulstration and some other Weslern ne-tions, which blatantly violate the UN Charter end the Helsinki Finel Act provisione, atres-ses a joint communique regard-ing the talks between J. Czyrek, Polish Minister of Foreign Affairs, and the visiting Hungarian Foreign Minister, F. Puja.

interference

The cursent campaign in the West against the USSR, Poland and other socielist countries, the document emphasizes, is a violation of the principles of peacalul coaxisieoco among eocial-iy differing statae end jeopar-dizes delento ond peace in Eu-

The ministers elso discussed continued bileierel politicel, economic, scientific end technical cooperatioo. The document, further alressed the sides, will consistently take necessary measurae to neutrolize the linancial and economic discriminalory movaa by the USA and other Westero nations directed against Polond and other aoclalist countriaa.

PEOPLE

Joseph Canzerl, dapuly assistant to the US prasidant, has bean forced to resign over a scandal involving fraud and

abuse of power. The scondal broke out following raports that Canzari had racalyad soveral hundred thousand dollars from the Rochafeller family et excapilonally low in-larest le buy a luxury mansion in Washington it elso come te in washington it elso come light that he was not chove lastar treud—thus, he once claimed double, "compensation" for e business frip, presenting troval expenses simultation santing troval expenses simulta-naously both lo, the White House and the Republican Party national committee.

MH INFORMATION No. 14, 1982

GROUND FOR THE USA IN AFRICA gencies in the Poisian Guil and Indian Ocean. The port could be used in the Pentagon's foint operations with Israel and South Airica against the Arati and African nations who conduct Independent policies.

Moarbassa is already intensi-

In addition to consiructing our war-sidgs and submarines,

the Pealagon has em-

backed on the moder-alzetion project of its

lataninus ships ein-ployed during the

Vieloam war period. For instance, the "New

Jersey" battlesirip is

now heing spinced our at the Long Brack skipyards, it will car-

Haipoon missile laun-

chera, cruise inissi-

les and bunching space for Hairler jump-up tighter-born-bers. The battleship

will sell to the Indias

Ocean lolendurg in kaep a hawk-like eyo upoa the Persinn Guif slates, which the USA has included into its

spirere of "vilal in-

Tomahawk and

and the construction of animodepots ead wordlouses at the vely used by the USA nnd other Western navies. In January alone its visitors included 15 The reasoning irehind such American, British and French projects is Washington's heliel warships stationad in the Indian that Mombassa inight provo a Ocean, omong them the US Conuseful atronghold during emerstellation elicraft carrier.

Science and technology

speak in its vicinity. Prolessor

'ELDERLY' FISH ONLY!

NEW POSITIONING

New York, AP-TASS, The USA

has started repairing the Kenyan port of Monibassa on the

Indiaa Ocean, The port will be deepened, expanded and the co-

ral reols cleared, Moderniza

tion of the Monthassa eleport

naval base is also in progress.

THE WORLD

FACTS

and EVENTS

O Brilain built less housing to

1981 Ihaa la any olher year in

the past 60 years, while some

Tour miliary-political al-

liancas in Guefemala-the orga-

guerrilla army of the poor, the rabal armed forces and the revo-

lutionary armed forcas of the

Gualamalen Parly al Labour-

have announced the creation of a front of national pairiotic uni-

ly. It is siressad in their foint

communique that the sead for joint ection stems from the de-

erlotating situation is Cantral

Amarica, including that la Gua-

nizsilon of armed people, i

1,500 compenies went bankrupt.

Only large lists are now being caught in the Great Lakes of the USA and Canada, toporte the "Fronklurier Rund-achau" newspaper. But the actactists are of the opinion that the growth ecceleration of fish is due in the Great Lakes to unfevourable ecological chan-ges. This was discussed at the conference of ichihyologiats in Toronto (Canade), it is predicted that the same pheno-mena will happen to the European countries, above all, in Scandinavio. The possible cause for such changes is a high cootent of acids in rains.

As interesting leature is that the Canadions are cotching meinly "elderly" tish. The sci-antisia assume that this is a sign that the amail lry cannot survive the new, grimmar ecological conditions.

A LOW-NOISE TRACTOR

At a recent Vienna ahow all wee aroused by a fractor which is virtually noiseless, al least eee can aasily

The Canzerl case is the lalast ta e whole series of scandals which have rocked the Reagan administration. Earlier R. Aften assisiant to the president for autional sacurity effairs, had to resign over a froud case, and CIA director W. Casey, found guilty of missoppropriation of funds, was saved from court proceadings only owing to a vigorous campaign on his be-half by the power structure. half by the power structure.
Legal action has else been brought ogalest Secretary of Labour R. Deeven on charges of possible links with the Metic, and Information, lashed to the American press, points to shady lineacted dealings by President Reagan's sea and by Reagan's closest aida and Centari's immediate chial, M. Deeven.

Katzda, the inventor of this highly elective noise dumping system, believes that 100 tractora equipped with his system produce no moro noise than a single conventional tractor. Such tractors could become a real panacea as, according to the Austrian Ministry of Public Health, every other Austrian suffers from cardiovascular and other disorders caused by noise over-

AN ELECTRIC BUS: PROS AND CONS

The lirel ever electric bus is now plying the streets of the French town of Toura it is powered by a slorege battary con-slating of 27 accumulators. The bus caters for 25 passengers ood altains o apeed of up to 50 kilometres per hour. Despita o number of edvantages, its diada ventages are also significant as its battery weighs a tonne ood is enough to cover only 50 kilometres without recharging. to addition its operation costs 20 per cent more than that of any conventional bus.

FROM the SOVIET PRESS

VIETNAM'S CONSISTENT POSITION

Pelismy is obsermately agnoring the remarkable and lusting changes which have occurred in intochina in the past lew years, witter IZVESTIA.

The Chinese rulers seem to be thinking in the past, when China sought to unuminate other mutans through its military might. But times are changing, stresses the paper, as are rela-tionships between nations. The savereign Vietnam, Laos and Komprichen, who have cust off the lendid yake and deleaded their notional independence, are naw building a new tile, and no amount of pressure, blackmull and infimidation will cease these navances. Respect for human rights and tho ircedom al individual is an element of international icintions, and Chino's leaders should long have awakened to this tack Victnam's hesh initiatives envisaging on end to armed clashes on the Vietnamese Chinese barder and resumption of bilateral falls unfluterally suspended by Peking in Murch 1980 form just nnc example of Vielnom's consistent and candid policies whiteit at normalizing bilaterni relations. Il Peking eccepted this and renormeed exponsionist policies in the region and support for the reactionary forces disaming of reversing objective historical processes under way in South-East Asia this would significantly improve the international climate in Asia.

WASHINGTON'S NEW SON MY

Another American San My, this time not in Vietnam but in El Snivador, hes nicife recent US history, writes Vitaly Kobysh In LITERATURNAYA GAZETA. Let no one be confused by the loci, he alresses, that o thousand old men, woman and children from the Mazola villago in the Morozan department on the border with Honduros were offociously miridered and even burni niivo by vilo things from the Almenti special butinlion directed by the Snivorioron military firmia-therefore indirectly murdered by the Americans.

The USA is not only countying in this generate, the paper hurther points and, but is octavity responsible for ordering it. To prevent El Salvador following Nicoragun's still end to protect the "zone of US vital interests" in the region, president Reagen appropriated another 55,000,000 dollars of military old to the junta in fil Salvador.

Woshington is truly committed, the paper contends, to light bero and elsewhere for its "vital interests" in the last drop of someone else's blood.

AMBITIONS OF LATTER-DAY SAMURAL

Approx's military expenditure in 1970 increased 14.2-fold as compared with 1960. Only a law captialist countries can heast al a emparable growth in millinry exprediture, writes the KRASNAYA ZVEZDA newspoper.

Analysia of the policy being purchised by the lopnnese leaders, the newspaper osserts, brings to mind the neitvittes of the Inpanese summation the eve of the Second World Wor. Ol note is the lect that in the middle of 1980, for the list time in the posi-wor period, ell members of the Jopanese enblact, with Zenko Suznki et its head, mode a demonstrative pligrimage to the Vosukuni temple in Tohye where pingues ore on disploy giving the names at the Japonese officers and men who lest their fives in buttles for a greater Japan. Those include the citel war eriminals convicted by the international millinry tribimal in Takyo. What the ministers discussed with their predecessors is unknown, but one gets the impression that the militarists of the 1940s must have instifled the presentday Japanese laaders with thoir idaals, es the latter era gredually carrying out plans to revive Inpon's tormer might

THE CIA'S NEW WEAPON

According to the NEW TIMES weekly tow peaple are awore at the ameter role played by the CIA in the distribu-tion of narcotics. It is certainly impossible to count the number of victims who have died as a result of CIA efforts in Ever aince its foundation 35 years ogo, the CIA has shown

great interest in the use of norcolics les professional purposes. The CIA continues to experiment in this field in secret. The desira to possess e powerful and terrilying means of controlling human behaviour slimulates the CIA to an independant search for the eew narcotics. A broad network of rosearch institutions and pharmacoutical tirms is being used for this purpose. The egency has succeeded in developing e number of new narcotics, one of which, "B-3", crooles haffucinations ten times stronger than LSD.

By eiding and chelling the epread of drug oddictien, the CIA tudely florita the moral and legal elandords accepted in

OF INTEREST

An unusual 'janifor'

An unusual "jonflor", o lynx maels workers at the entrance gale of a pulp-and-paper som-bine of Joensuu in Eastern Finland. Contrary to the common idea of her appressive lempera-ment, the lynx reacts quisity to the presence of people. This unusual literature took some time to develop. At tire the workers were quite apprehensive tracted by the food emells from the dieing toom and the warmin generated by the radialots. Guddaily the lynx adjusted to the new surroundings and her the entrance-pole office her

White crocodile

India's only while crocodile lives to o reservation in Orisea Side. It is alk years old and weighs over 50 kg, reports the "Hindustan Times" newspaper.

For the love of Ice-cream

Biby Ruwes, USA, look only lour hours and '17 minutes to on all-lime record. Doctors pronounced Biby III ailer her enor-mous eating feel, oed Biby

presence was accepted. She made heraell declared the would do enyihma lor lce-cream.

The password is 'Moustache'i

During the past lour centuries the Bulgorian village of Govern-da has been graced by a unique club. The 60 male members hold one major thing in common mousinches. The club possesses ile dwn elafule and holdse tradi-lianal jestivol celebrated every April, il le rue by a bond, sia fund in taken from voluntary contributions by members. New membere can join regardless of age and the length of their movalaches, ofthough the Chairman, R. Khilstov, sports the langues arowth.

MN INFORMATION No. 14: 1981

HOME NEWS

KHAILOVSKOYE

The poel's desk in Mikhalloy-

makes II possible to film proces-

sea involving the movement of

The camera is replaced by a

system which can record and

send to the computer memory

up to a thousand picture, a second. Such speed allows 10

trace the movement of atoms in

crystala and molecules caused

by the deformation of matter: its

healing or cooling and chemical reactions lasting only fractions

ara now studying the potential of electronic cineme. At the In-

stilule for Nucleer Physics blo-logists have shot a film about

the etomic proceases in a living

muscle in e specially arranged

"pavilton". While chemists have

A detailed charl of .under

Caucesus, will provide a new

heat source for the local ecoc-

zooes pinpointed in this euto-

nomous republic, the most pro-

misiog find yel is Terum where elready a well is producing a

steam and weler bested to the lemperature of 200°C. This unl-

que "underground cauldroo" is now being studied by geother-

mal power engineering experts.

Of the 16 thermo-anomalous

Various branches of science

atoms.

ol a second.

A club that

deserves to be

proud of itself

A "jewel" of an exhibition

would be an accurate descrip-

tion of the display which has opened in the Uralian Geological

Museum In the city of Svept-

lovsk. The Jasper and agate, rock

crystal and semi-juectous stones

on show gillier and sparkle in

all their glory. These stones which would do credit to any

geological expedition have been

discovered not by professional

prospectors but by enthusiasts

The chib is allached to the museum and the Regional Coun-

cil of the All-Russia Society for

the Protection of Nature, lis 150

members belong to all ago groups and professions, including

engineers, musiciana, teachers and imiusirial workers.

the lecture 100m of the Prospec-

lovsk University. Here they lis-

ten la lectures on mineralogy

and petiography, discuss their

forthcoming summer travels and

exchange collection pieces. Pri-

vale selling of collection pieres is prohibited by Cinb Rules; o

rock sample of a collection can

Many members go beyond cul-

lecting as they him their ham!

to rack carving. There are ex-quisite thoulouite tonses glim-

mering under the glass of the

showcases, and original souvenus

and compositions executed from

iasper, limitile, and other semi-

Science

and technology

ALUMINA REPLACES

Dieclous alones.

only be sold to a museum.

Every Thursday they meet in

from a rock collectors club.

Round the Soviet Union

ONE CAN NOW TRAVEL FROM THE GEORGIAN TOWN OF SIGNAKNI TO THE TOWN OF TSHORI BY AIR, NOWEVER PLANES ARE NOT NEEDED. Instend a cable car rould maarly 4,500 m lang has epily illied the bill. The mountein lovins lie close to each alber, bul communication between them was often disruptad by avolanches and mudslide Moro Ihan 150 such roules have now been buill in differen mountain regions of the USSR.

THE YOUNGEST WINNER OF A GOVERNMENT AWARD IN ESTONIA IS 12-YEAR-OLD SVEN MAGIMETS, A 6th-FORM PUPIL AT SAARE SECONDARY SCHOOL. He racelyad a medsi "For Courage Shown in a fire". Noving rolumed home from school the boy naticod smoke coming from a nsighbouring and heard frightened children's voices. Sven go! hold of a led-dar and holped a girl end two boys escepe via a high window. Ne then telephonod to a neighbouring fito stellan, and the liremon errived to put out the lira.

A FACTORY IN NUKUS MAKING YURTAS (TENTS) FOR SHEPHERDS HAS DISPATCHED A LARGE CONSIGNMENT OF THEM TO SHEPHERDS, GEOLO-GISTS AND PROSPECTORS WORKING IN CENTRAL ASIA AND KAZAKHSTAN, Karekalpak yurlas era warm, cosy end lairly big-about the same size as an urban 25 sq m epartment. They are put logether, occording to tradition, without a single nail

A FORESTRY MUSEUM HAS OPENED AT THE KAZLU RUDA TIMBER FELLERS - IN LITHUANIA. II was established by the members of the Society for the Projection of Maluro, who have collected exhibits illustrating the flore and launa enriching programme now un-der way in Lithuania. At prosent loresis and parks cover one-third of the republic's ferritory. Special displays ere dadicalad to the loresters, who eclively cooperate with scientists, and to the ectivities of young na-

CITY IN THE POLAR REGION

Murmansk, the world's largest city north of Arctic Circle, is situated in the European part at the USSR an the eastern ahora of the Kole Gulf in the Barents Sca.

Il is popularly known as the enunity's northern Raioway, since ila ice-iree pari is visited



Murmuesir chief architect Ate-xandec Popov. In 1081 alono 200 fliousand sq metres of housing was hull in Murmansk.

A view of the Murmonik Fishing Port.

by hundreda of Sovici and forelgo ships. Aonually II bandles aoverol million lounes ni freight and is koown as o lishing one chiphulidiug centro. Convoys ol cargo ships set sall from here to various Arciic destinotions following in the wake of the nuclear techreakers "Stair"

end "Lenin". Murmanak is also the cultural end research centre ul lhe re-

gion, boasting of a drama thea-ire, this country's northermussi TV centre, navigetion school and a pedagopical institute. The N. Kulpovich Polar research and design marine fishing and oceanopraphy institute in Murmans la very promioeni in lia field. The city's population is mostly made up of sellora, /ishermen and shipping majoleoance work-

The uses of ultrasound

The reliability of concrete structures is readily assessed through the use of phrasonic technology developed and manulactured in Kishinev, the capital of Moldavia.

A special digital printer issues o reliability certificate for every i ustoni-maile concrete unit, site they have heen subjected in ultrasonic nnalysis and the icsults have been recorded onto a pinich lape. A compiler can icveal the causes of flews in the mass produced conclute parts and will introduce eppropriate corrections into the process.

The new device is capable of checking dams. bridges, basements and buildings.

SUPER TYRES

The assembly of a innchine complex designed to moduce the country's largest tyres for the powerful BelAZ tip-up fortles has begun et the experimental lectory at the scientific tescatch institute in the Ukrainian cily of Dnepropetiovsk.

These lyres are designed especially for lorries that Itansport up to 180 tonnes of cargo. The d'ameter of the wheel is 3.5

The first samples of such tyres have been lested over thousands of kilometres along the rough roads of an Iron-ore quarry. They were altached to the lirst Soviet 180-lonne tip-up lorry, which to cepalite of foailing three railwey wagons on every tun.

SUBTERRANEAN HEAT TO GENERATE ELECTRICITY

A subterraneon sen beated to a temperature of 180°C was disrovered at a depth of 4.5 thous and melies near the settlement of Kayasule, in the Staviopol Territory. The first six wells have been sunk cusuling the ellicient operation of a geothermal station, which is to be runtpletcd by 1985.

its power is only 10 thousand kilowells, yet its experience will prove invaluable for further construction, aince the amount of hol walces in the Slaviopol Terrilory alone is enough the warrank the construction of several sicilons with a total power of over a million kllowatts.

The coal of Karakan

The full-scale development of the Katakan deposit, one of the most promising in the Kuzneisk roal basht (Western Siberia), has conunenced.

In the vast lagoon left by at nuclent sea, nature has accumulated 52 coal seams, whose total reserves are estimated at 3,000 udlion tonnes.

The first stage of the Kare han-1-2 pil was planned for 1984. However, the miners proposed that construction should be conducted by areas, therefore a large section was opened shead

The litsi Iroluload of Karakan noal has olreally been alispaiched to consumers. More than 210,000 ionnes of high-quality coal fuel is expected to be extracted from the deposit this year.

Cable laying in freezing temperatures

A shop repolring construction machinery, in Komsomolsk-on-Amur, has developed a new cable-laying truck designed t weather the harsh winters. A one-member crew can lay so much as live kilometres of cable a shift operating the machine trom inside the cabin.

Equipment for testing pipelines

The Lenlugual-based Zveale hum has started the production of litting stations which can jumpe a thousand citide melies of water under high piessure into n pipelluc. These stations are inlended for lesting the strength of pross-yountry large-diameter phelima moving oil and gas Ipon Western Silieria to the industrial regions of the Soviet Union and alroad.

First such stallons were then solves successfully torted during the construction of the more than 5,100-kiloinciro-long Surgul-Pohitsk pipeline, The capacity the stellors and the lovel a nutomation are 50 per cent highor than those of the hest similar stations now in use around the

Specialists from the Kharkov

BONE TISSUES

Institute of Refractory Materials have suggested the use of counilion ceramics to replace bone lissite. Arlificiel bones made of this material are easily absorbed liy the organism and have prac-lically unlimited life. The ceremics is made of

alumina fired at high lemperalure; il la chemicelly very pure end feelures e fine crystalline structure, Surgeona from Kharkov bave elready used II in more thao e hundred successful opere-

The search for new ceramic replacements continues

THRILLING PLOTS OF ELECTRONIC CINEMA

A film shot for only a second el e laborelory in Novosibirak has initialed e new Irend in research: It tella us ebout the life ol aloma in a cryatal. Scientists et the

Siberien hrench of the USSII Acedemy of s liave decidad lo reniace. X-ray tubes, which cen only depict static etomic structures, by synchronous radietion, a lhousand limes hrighter, obteinable tn accelerators. "liluminalion" on this scale

DANCE, THE

At Gagra, e populer Black Sea resort in Abkhazla; the conentional "Dance Tonight" posler has been replaced by colouredvert!sements "Dance Your Way to Heelihl"

Deacing is a new type of madical irealizant practised et inis resort. As a vertation of made non thorapy It helps in the restment of hypodynemics, reaulting in various cardio vesculations (Qre-

end hervous diseases. Scientists ere of the opteton that motion end high spirits help take the alfectiveness of medical Trest-The dancing-hall, recently

HEALER

built not far from the seashore In the pine woods of pitsunda. now opena in the efternoon rethor than in the evening as ba-



The monument to Pushkin in Pushkieskiye Cory by the sculptor Yelene Belashova.

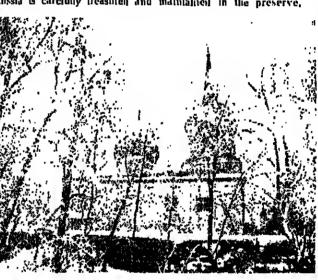
This February marked like 145th anniversary of Alexander Pushkin's tragic death in a duel. Today thousands at people visit Mikhallovskoye, lormerly Pushkin's estato (altuated near the ancleut Russtan lown of Pskov), which has now been moria into a sialo presorv**e**.

In Mikkaliovskoye, as auc of Pusiskin's fetends aptly put it, the poel "lound the enburg and material for his inventions which are so natural and true and so consonant with the prosuand packy of Russian rorat life". Working un "Engene Onegin" in Mikhalluvskoye, Prishkin

confessed: "A beller place for my puritical novel carmot even be plcstred."

In tranquit Mikhailovsknya Pustible cuncelved and wrote the popular drama in verses, "Borls Continuov", the third and jourth chapters of "Eugene Onegin" (and began writk on its sevento climpler), as well as many verses, in fact a lotal of user 100

All that is related to the life and works of this great son of Russia is carciutly treasured and maintained in the preserve,



The Assumption Cathedral of the Styologorsk Monastery, at whose wells Alexaeder Pushklo is burice.

FRENCH COSMONAUTS

been able to sludy super-hard majariats analyzing them on en elomic level. PREPARE UNDERGROUND FOR SPACE MISSION HEAT RESERVES

ground hot springs made by re-searchers in Daghestan, Northern natione) Soviet-French apers mission are in progress at Stel-isr Township, near Moscow.

The French pilota Jean Loup Circulten and Pairick Boudry together with the Soviet conmounts who make up the two their theoretical iraining. According to Air Force Lieutenani-General Visdiniir Shatalov, head of the Soylet 'commonaute' Irain ing: programme, the crew momhers have passed exams on the design of the urbital stellon end spacecraft. They have Iralned th zero gravity in a special tiying laboratory and have prac-Hand leeving the cost after splash-down; on the Black Sea. At present, the cosmonauta havo begun all-round training in a three-seal Soyus spacecraft all

French flags oow haog in the halts of life Soviet Union's international space academy. Il is the lith country to have this bo-nour. Experience accumulated at the ecademy meda it possible to reduce the initial course of Iralia

new expedition, however, also means e naw scieolific pragramma involving time-consuming preparelloos. The Soviet-French crows have already begun work on these preparations. They have learnt now to use most of the scientific equipment al the Salynt stations.

Al the French space research centre ine two crews worked logother with French researchers who prepared individual scientific experiments.
Some changes lave bean

marie to cravy composition during rreining. Yuri Molythov. the commander of the liral crew who icli ili, was replaced by Viadimir Dehanibekov elan very exportenced in space masiona Alexander Ivanchonkov continues to troin as llight engineer. The second crew now at the The second crew how at the linal steps of icalning for the mission, accordance for summur this year, remeins unchanged, and is made up as follows. Commoder Leonid Kizim, (light engineer Viadimir Solovyov, end French commonaut-researcher missions.)

VIEWPOINT

THE MERITS OF TASHKENT FILM **FESTIVAL**

The 7th International Film Tealivel of Asiun, Atrican oud Lailo American Countries will e held front May 23 to June 3 in Tashkeni, ibo capitol of So-viet Uzbakision, ils goals and distinguishing lectures ore des-cribed by the testival'e Director-General Abdulfokhed Abdulfay-

Tashkeni film jealivois, hel every two years, dale back to 1960 whon the first testival was offeaded by dejegations from 49 neveloping conorries. Perticipol-ing in the 1980 leatival were 97 countries, international and nationel organizations, including 75 notional cinemas of Asia, Africa and Loiln America. The desire of lint-makere from emergent state: o peritcipale lu lho Tashkeni icslivels is not fortuitous: I Tashkeni there eru no rivals, no traditional film compelitions, in other words no winners or hisers. This is deliberate, mak ing the international screen accessible to young national cluernas, still in their intency olongsido experienced film-mak ers such os India or Japan,

il is not occidental lhere*l*ar that Tashkent Ithn lestivals ar known as festivals of discacertes. Tashkent was light I ecognice Sembene Ousmane the Sengualese Ulm altrectu whose fame has reached for beyond the Airtean confinent. I was bere also that Mirinal Sen functors director of the new Indian choma, started his earer. Sebastian Alarcon Iron Chile, who later because a prize Winner at the Moscow Film Fes lival lor his feature illm "Nigh Over Chile", showed his his documentary al Tashkeni Ruy Guerra, who directed Mo rambigne's itral callonal feature im, elso ntiribules his cess to Tasbkeut

Teshkeot festivals ora idea venues both for creative coo-tocis, reviews, disputes end discussions and for film lairs: to Inslance, lbc last festival prolooted co-productions end film exchanges between 86 countries The Soviet Union and India, ter example, agreed upoo a join full-length docomentary about Jawahariai Nehru. A cooperation project is oow under wey with Maxico: the feeture tild "Red Bells" directed by the well-known Soviel film-meker Serget Bondarchuk. Telka nre being conducted with Cotombie oa making a screen version of the covol "The Elect" by Atton-so Lopez Michelsen.

Tashkeni-82 will present the widest ever progremma of So-viol films dedicated to the 60th anniversary of the formation of the Soviet Usion. The pro-gramme is subdivided into indithe best films made by estions nublica; children's films, and iastly, films dubbed to English French end Spenish.

il has elreody become a iradi lion that the guests of the lea-livel, in addition to their protes-alonal functions, be offered the alonal functions, he offered the opportunity to (oin a discussion, "The Rolo of the Choma to the Struggle for Peace, Social Progress and the Preedom of Peoples", Film directors, actors, asmorament, producers, specialists to the film industry strong the three continents will also visit and probabilities. eri exhibitions and theelres schools and Institutes, factorie and farms—in short, they will see for themselves presentday Uzbekislan, a Soviel Centrel Asian Republic

FROM the SOVIET PRESS

MODERNIZATION BOOSTS ECONOMY

New production copocities can be built and put into service 1.5-fold laster than today's roles, orgues Alexei Demidov, First Vice-Chotrmon of the USSR Stole Commilleo for Construction, in the EKONOMICHESKAYA GAZETA. To achieve this aim the emphasia mual be placed on reconstruction and the updating of operating plants rother than building new ones.

The poy-off period in this case is three times shorter, ond rejures on invesiment increase 1.5-fold,

This is the reeson why expenditure upon the modernization of operating projects in the next five years will increase by 21.2 per cent, the orticle attesses, with o potalici ika in lia shore in oggicgote industrioi con-

GROWTH IN EDUCATIONAL STANDARDS

The POLITICHESKOYE SAMOOBRAZOVANIYE mogazino has published figuree on the growlir of the number of workers with a specialized secondary or higher

education employed in the USSR economy,

The tuini number of goinfully employed in the economy now exceeds 150 million people. They conside mainly of people in the oble-bodied colegory. The oblebodled in the USSR are tolett as follows: men aged belwccn 16 and 60 and women eged between 16 and 55, in addition. Soviet lobout resources include working people of more edvanced oge-women of over 55 and mon' of over 60, as well os working Icenagerelaged from 14 to 16). Whereos in 1939 only 13 persons had o higher education and 110 o recondary (complete or incompleto) education per 1,000 employed; in 1981 life

liguree were 100 and 727 iospectively, The rise in the educational level of workers and col-

lective formers has been porticularly swill. For exnumber, whereas inc number of office employees with o higher or recondary (complete or incomplete) education per 1,000 Increased by nearly 1 8-fold between 1939 and 1981 (from 546 to 984), there was a nincloid increase firom 87 to 787] omong workers and a 35-fold increase firom 18 to 634] omong collective formers.

THE BOUNDS OF RESEARCH

There are now hundreds of thousands of research workers on this planet, writes Academician Viktor Amborisumyon in the ZHURNALIST magazine. Many hellevo that the world to not on complex os it once seemed and that we ore very close to grosping its natural laws. Very soon now we shall know all the onswers. According to this view, scrence has o ol only o hundred years of its current poce. Man will become omniscient, thus eliminating the need for fundomenia) research.

Howover, o larger group of scientiata believe that their ocquialtion of locis will lactitiote o more general undoratonding. Most of those novertheless ogice with the optimists predicting that fundamental rescorch will soon be completed.

A third group of researchers, the orticle continues, believe that due to the enormous omouni of dain occumurioted by contemporary science, revealing the oxiremo comploxily of Noturo there ore olwnya aute to be new discoveries. They will continue the search for these, where others have icli oil. Indeed, Amborisumyon contends, we uwe many speciocular breakthroughs to humon perseverance and initiation.

I wont to alreas, the Acodemician continues, that important now linding is, not overely o linke, but ." the result of deep, processes involving, the necumulotion and precessing of relevant information and fis."

RUSSIAN LITERATURE AND HUMANITY

A burning love of the truth, the willingness to light for social instice, the langing for brotherhoodsuch ore the qualities that have, since time immemorial, been contained in the national aout They conafflute its moth volve and represent human exterence of its highest level, thus writes Kirchix outhor, Chingia Alimotov, in PRAVDA, discussing the traditions Russion Microture. It is the tevnitifionory and national element in their work that unites all great poels in lime ond space into a single picted of humon barngs, into a single, and solubio pocific force, into one, endless universe. Pocity is a revolution of the soul. Poets span humon existence like bridges. These ore bridges made up of thoughts and soul, Budges which link different generations, which link the world in the main moral ond philosophical problems common to the "single humon hostel" or our plonet bridges along which cu lural volues and knowledge occumulate, inspired by a deeply fell humonism

To teach people humonity-surely this is illerature? greef losk, obove off that of Russian Haralute. il is this ospoci which nitracted and continues to allioci lodoy our undying love.

i would toke the following penotroling and sonsitive words by Alaxander Radiahchev, the 18th-century writer and democrat, as the epigraph to all pre-ievand my soul was wounded by the human suffering saw". From this time on, I believe, Russion theratura has come down on the aide of civil action and, seeing likeli increasingly as a plottorm for the struggle for humanily, has taken oh a truly heroto role. "A single, but order the structure of the but order the structure of the stru bul ordent possion, o burning desire for froedom has become its inspirotion, its fouch-stone, in the flat count its this that to responsible for its donaton topically—for the high and of times merciless featism. of Russion literolure is obove all an embodiment of its folul of knowledge increasing of every successive step. ... concept of triendship and brotherhood of nations.

Nikolai KARACHENTSOV

Nikolal Karachenisov rose to incalrical prominence quile unexpectedly, following Moscow's Leninsky Komsomol Theatre premiere of the "Thyi" musical, Its success was easity expfained—the theatre's rather long static existence ended when the new britianily gifted director Merk Zakharov joined tha company. His artistic manner was unusually hold for the year 1873. The pley ebounded in light, sound, music end uritalic effects, and was marked by the new approach of placing an unknown actor (who had incidentally played at the theetre for several years and never made a same tor himself) at the centre of the ection.

The credit to the adoption of this new "atar" system goes to Mark Zakharov, whose approach to acting was disregarded by many thealies during the initial stages. The idea of huliding up the action centred around one ector with the rest of the cast performing only supporting roles, sever failed. The reason being that Zakharov never made e mislake in his choice of "sters", finding them to his own theatre or inviting new faces from other theatres. Karachestsov was his choice for the peri of Thyl end this was not a simple Suke, but the

discovery of a laleuted ector.

The maddening pace of "Thyi" was best suited to the actor's passionate menner both in real lile and on etage. Karacheulsov's Thyl was charged with overflowing energy as he sang, laughed, cried end jamped, all the while riveling the audiences' utlention, in ewe end lacchetion.

The relevant content of a second to show the relevant energy and the sangle of the same of t

That role only was eaough to plece Knrachentsov among

Moscow's noting ellin.
ft ie herd to imagine him as a Don Juan although he is n hero, he le also e character hero. Karachentsov thus spoke of his manner: "My elm is in reveal man as he is, end I want to assert the good found in men by using both unusual end fantastic methods. I gravitels towards fanteetic realism, yet the performance neutratity must remain truthful whatever ima-

Recently the theetre mnunted the poal Andret Voznesen-eky's play "Yunona and Avos", and during each performence Karacheulsov, lrue lo torm, goes ell col.

Kerachentsov has not eppeared in meny films (the cinema is great for one's popularity), but he is slitt snowed under rith lattere from femete edmirers and otters from directore. He is gilted with netural grace, and works on hie hody movements consciously end dolly (my mother, a ballel teacher, is responsible for it, he orgues). He himself eings uil his play and tilm rotes, even though he tacks musical training and therefore daily puts in several hours doing respiratory exer-

The racing pace of his file is refection of our times, and and its constant chunges, this argumbly torms his greatest at-

In the phutor Nikolul Keruchentsov in the "Yunone and Avos' nlav. Photo hy Valary Piointkov

والمراوي والمراج والمراج والمراج والمنطاع والمنافع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع

A CLASSIC REVIVED

The musical drama "Loheng-rin" premiered recently by the Kirov Operu and Ballet Thealre in Leelograd introduces one to the world of Wagner romen-

A century ago Richard Wagoer'u epern was first elaged in Russia, end paved the way fer many future performances. The musical legend of Swen Night

was firal produced in Petersburg. The young members of the the-airs were prominal in the recent premiers. Valery Geor-giyev, whe conducts the or-chestra, was awerded a prize in an loternational conductors' contest lo West Berlin. The leading roles are sung by Larien Shev-chenke and Konstantin Pfuzhni-

German director at work in Tbilisi

Friendship show might be one wey to describe the play "Kete-van-the Georgian Gir!" which opened recently of Thillist's Shots Rustavell Theelre. Wrillen by Andreas Gryphlus, the German drametist, the play wee producad by another German, Hermenn Wedekind, from Searbrücken in

Working with this well-known company has bean en immense pleesura, said Wedekind. velue Soviet arl above ell for tis humanism, in his pley, my compairiol, Andreas Gryphine, has reenrected e tregic pego from Georgien history of the 17th cen-tury. It is shoul the heroism end strength displeyed by the people in their struggle against foreign nvedera, their striving for free-

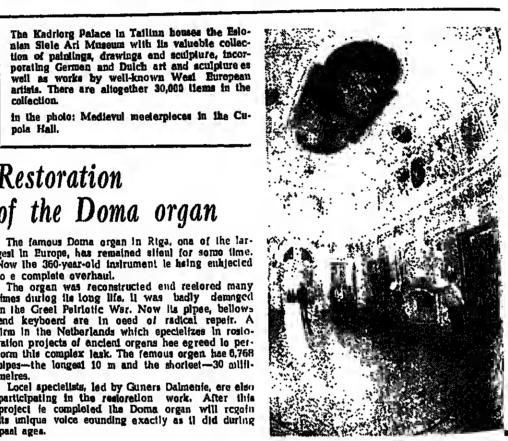
that thie joint production will aerve to further strengthen the links hetween our peoples. "Ketevan-the Georgien Girl" 15 Wedekind's flith venture in the Georgian cepilal. At the Thillst Opera and Bellot Theatre he has produced Wegner's "Lohcugrin" and "The Plying Dulchman", Mozart's "The Magic Fluta" and Gounod'e "Paust". Meanwhile Gaorgian directors have been at work in the theatres of Saarbritcken. Here they hevo produced two nperae by Z. Pelinshvill "Datal" end "Ahesalom end Eteri", O, Taktaklshvill'e "Mindiye" end "Sameniehvilf's Siepmother". the pley by D. Kladisshvift.

Parisian crowd dom and independence. Such noble ideals are equally dear to all people of goodwill. I hope French art enlinesiesis inc ly experienced their fint to of works by Saviel erflist to and Leonid Tikhomirov, to displayed at the internetic and centre on the Boulevard & pall in Paris. The arise ! low closely in the footsteps : the Russian realist painters the second half of the late tury.

Two comments entered b the visitors' book at the & provide a good example of 6 visitors' thanks to the arisis who o naged to express with some feeling their communion a nature". "What a pleasure to to view Russia's wonderfulk: Scapes through your of Thanks for being sincers.

Soviet show

draws



Restoration of the Doma organ

The famous Doma organ in Riga, ona of the largest in Europe, has remained stient for some time. Now the 360-year-old instrument to being embjected lo e complete overhaul.

in the photo: Medievul meeterpleces in the Cu-

The organ was reconstructed end reclored many times during its long life. It was badly demnged in the Greel Petriotic War. Now its pipes, believed keyboard are in oeed of radical repair. A firm in the Netherlands which epecializes in rosioration projects of encient organs hee egreed to per-form this complex lask. The femous organ hae 6,768 pipes—the longest 10 m and the shortest—30 milli-

Locel specielists, led by Guners Dalmenie, ere else participating in the restoration work. After this project is completed the Doma organ will regain its unique voice counding exactly as it did during

CARNIVAL PERFORMANCE BASED ON FAIRY TALE



"The Happy Beggare", a dazz-ling pageanl based on Carlo Gozzie fairy tale has opened at Moscow's Stantzlavsky Theatre. The pley, which uperkles with humour and improvization, might be termed theatrical gemes for adults and children ali-ke. In the name of good and happioass its heroes embark on e etruggle with the forces of

The production makes use of music by Rossini, Verdi, Leon-cevallo and other composers, as well as of erchive recordings of the voices of Marie Callas, Tilo Gobbl and Marlo Del Moneco,

WHAT'S ON!

February 16-19

_THEATRES__

The Woman in White # part production of Moldon A screen-edeplaises of popular English sold i Wilkie Collins. Kremlin Palace of Congresses (Kremlin). Boishol Theatro per-formances: 17-Verdi, "li Tro-Cinemes "Udsrolk": [30,

vatore" (opera). 19—"Choreo-graphic Minielures", Leningiad Ballel Coropany. Boishol Theatre (Svardlov Sq). 17-Prokofley, "iven the Ter-"Eugene Onegin" (opere). 19— Verdi, "Un hallo in maschera"

Stanislevsky and Nembrovich Danchenko Musical Thealre (17 Pushkinskeya St). 17—Blæt,
"Carmen" (opera). 18—Sidelnikov, "Slepan Razin" (bellet). 19
—Offenhech, "La Belle Hélène"

(opera).

___ FILMS __

I'm Afraid (a lwo-peri Itelian production).

About the causes of organized crime and of lerror and corruption in Ilaly, Chama: "Novorossiisk" (47/24 Chemyehevskogo SI). Metro Kurskaya

public, buildings, streets and squares. Delly, except Monday, trom 11 a. m. 10 7 p. m. Metro

__ SPORTS_

Central Army Club Sports Cym (39 Leningradsky Prospeki). 16-National champion-ship between men's teams. Cential Army Club v Vilalus Statybe. 7 p.m.

ATHLETICS

Krylatskoye Sports Complex (Melio Molodyozhoaye). 19 --Winier national chempioaship. 10 e.m. aod 6 p.m.

National teams constituent rapublics, Moscow and Leningrad take part.

Dynamo Sladium, 17 - National championship. Moscow

TRANSPORT HOURS

Mutro 6 a.m. to 1 s.m. Furu 5 kopsks. Troffsybutes 6 n.m. to 1 b.m. Fere 4 kopaks, Susse 6 a.m. to 1 am: Pure 5 kopuka. Trems 5.30 a.m. to 1.30 a.m. Faru 3 knpeks. Taxis 24-hour servicu. Twunty kopaks on the mater to begin plus 20 kopeks per kilometre. Ordering a ceb 24-hour service. Tatephonu 225-00-00. Communal cebs (ovar 40 routes in the city) 7 a.m. to 9 p.m. Fere 15 kopeks.

BUSINESS

RECESSION TRENDS CAN BE CHECKED

The crisis tras ellacted our sical tadustry as much as the rest of Europe, H. Apfelter, Di-rector-General of Vacsi-Alpino, Ausrie'a largest steel producci,

admitted receality.

The fulure of the West Europeen eteel industry is delar-mined to a large degree by its links with the sociellat countries, the magezine "Weg und Ziel" claimed. The piping factory et Kindberg, belonging to Voesi-Alpine is now able to expand

Books in fifty languages

Progress is the world biggest publishing house specializing in transletions, Books put out by Progress ere to be tound in the remolest cornars of the world.

Today we publish hooks in fifty languages, says Progress Director V. Sodykh. In the current fiveyear plan we hope to start issu-ing hooks in enother six langueges. We Issue 25 million copies of books a year.

In 1982, we shell conlinue the publication of the 50-volume Collected Works of K. Marx and P. Engels in the English language and V. I. Lenin's Complete Works in Spanish.

This yeer, L. f. Breshnev's "Reminiscences" will come out in English, Spanish, French, Italian and Arabic.

We offer our readers both in this country and obroad a variety of booke on Soviet history, on the wide-renging achievements of the Soviel people, only on the peaceful foreign policy pursued by the USSR.

Many hooks we published are specially written for Progress. Eighl new tilles have been comnissioned for the "Impression of the USSR" series. They will be written by eulliors from Spain, Canede, Pakistan end other countries, Besides, we shall he pulling out new booke in the following series: "Practice, Proband "Imperialism. Acis, Facts and Records", to monition but a

thousenit lonnee of piping, tha megezine continued. Over 30 per cent of Vöesi-Alpine'e output goas lo sociellat countries. put goes to societat countries, a convincing leatmony in fevour of ell-round cooperation with partners in the East in his interview with the newspaper "Volkssilmme". H. Aplatter emphesized the tact their Eastern orders have belond be excepted. orders heve helped la providing amployment et e time whan wo ere eccompenied by reletively passimistic predictions.

owing to a Soviel order to: 800

Contacts and contracts

 G. Merchuk, Vicu-Chairmen
of the USSR Council of Minislars and Chefrman of the Slele Committee for Science and Technology, met with L. Supke, Czechoslovak Minister of Technologicef end investment Develop ment Thay compared notes con cerning the development and im-plamentation of netional lask-oriented interdisciplinary reseerch and development pro-

○ Vfa Komplex of Hungary will supp chease making equipment, lugolecino ol Yngoslavia will provide four bread baking linos and Hauni-Werke of West Ger-many will soll equipment lor the tohacco Industry.

 Mashpriborintorg is selling
 Konelsto, Finland, a balch of
 instruments, Including a microlalavision analyzor, and liqui chromatoscopes, while Milsul of Japen will be provided with a measuring microscopo intended for bulky materials.

O Al the 5th International Book Fair at prasent laking place in Dalhi, indien publishers and VAAP (line Soviet Copylight Agency) have signed it contrects to publish the works of Soviet euthors in Indie end those of Indian writers in the USSR. The "Nallonel Hareld" newspepai comments on the steadily expanding indien-Soviel relations in this field, which help strengthen friendship and understending between the peoplus of the two countries, end on the growing exchange of scientific and anginearing

of Novotrubny plact.

Both days et 6 p.m.

RACING

WEATHER

February 16-19

In Moscow, city and region

changeable weather, slight mow

16 night temperatures -10° to

-5°C, and around 0° during the

day. Sobsequently -15° in

-10°C at night and -6° to

-2°C during the day.

midway through period, W and

SUDOIMPORT **EXPANDS CONTACTS** At e recent Moscow press

contarance for Soviet and for-eign nawamen the Director-Ge-Dynemo v Pervournisk Urnisky Trubnik, 6.30 p.m. nerel of V/O Sudnimport. O. Kropotov, discussed his or-ganization's operations during 1981. Trade with socialist coun-Uralsky Trubnik is a team tries has been progressing well, ha coled, end eccounts now for over two-thirds of Sudo:mport's Htppodromo (22 Begoveya St) 17 and 19-Racing and trotting.

overall trucia,

overall truita.
Sudoimport maintene longstanding relations with courpanies in Finlend, France, the
FRG, Jepan, Austrie, Sweden,
Norway, Finlend, he noted, is
providing Sudoimport with an
extremally broad renge of products. According to Finnish experts, Soviet orders create jobs
for thousands of Finnish shiphuilding workers.

hullding workers. At present, Kropotov empita-aized, Sudoimport holds coe-lects with 80 countries.

The vast Soviat display with lealure over 8,000 items ranging from the letast machines, luther and equipment to consuming goods. Various displays provide u good idea of Soviet multinelional culturs, Georgia

Pithag e Soviet order, the Prague ehipyards of Ceske Lode-oice is completing the construc-tion of another large dradga cap-able ni extracting 2,500 tonnes of saed and graval from rivel

JUBILEE FAIR IN SPRING

AN AUTOMATIC SYSTEM SPEEDS

UP DIGGING BY FILLING THE

BUCKET TO THE TOP, UPS PRO-

DUCTIVITY AND OPERATOR

The March 14-20 annual In-temational Leipzig Spring Fair will murk the 60th anniversary of Soviet participation in this

MACHINOEXPORT

O USSR MOSCOW 117330 M MOSCOW V-330 MACHINOEXPORT

\$ 147-16-42, 143-64-68 # 411207, 411242 MCHEX SU

SOVIET EXCAVATORS WORK HARD IN 50 COUNTRIES!

EKG-5A

QUARRY EXCAVATOR

for open-cast mines and for work on large-scale building sites

RADIUS OF ROTATION OF PLATFORM TAIL END-5.25 m

COMFORT.

BUCKET CAPACITY-5 m

WORKING MASS-196 tons

BIGGEST DIGGING RADIUS-14.5 m

HIGHEST DIGGING POINT-6.7 m

rage.
Special attention will be given to highlighting business and ectantific toternational cooperation maintained by the USSR. A total of 150 exhibits will inform of the Soviet Union's participation le lha CMEA comprehansive programme for sociutist economic integration.

will receive the widest cove-

DREDGES IN ACTION

The Ceake Lodenice shippards has for more than a quarter of

with dredges, Most these vessels nre nnw operating on the Vol-ga, the Kama, the Yenisel, the Lena, the Amudarya, and the Vakhsh rivers as dredgleg the river beds helps improve river navigation conditions. Czechoainvak floatieg pumping statinna irrigate the cotton pluntetions . slong the river and canal banke

A journey from the Pacific into the Atlantic

Passing through the loaks of the Panamn cond, which raised the skip 26 metres above sen level and then let it glide grace-fully downwards, mile "Lotvia" entered the Atlantic, Only have talled and the parties of the college can claim having sailed along this man made waterway dug through one of the nat-rowest bottlenecks on the Panarowest bollensing on the Pant-mo islamus. For geople on the Letin American ordine pointoised by the "Spuintk" International Youth Travel Buteau, then tam-

illarization with the Atlantic

storted axactly in this momer.
They stoyed on the upper dech
until the sun dipped below the
horizon, shooting off their otheand camera fligt and capturing
for posterily this imposing and singularly beautiful man-made

creation.

The 300 new "Latvia" passengers, who took ever lines an earlier group in Managga, journeyed 670 miles from the Micareguen port of Carlaia to Panama, and fell quite in their element abourd the ship,

Intourist news

An exciling portion of any trip is over idad, and this is true for Panama, which was visited by 600 Soviet travellers in the space of only two weeks. The cycles programme was a very busy allair, as the guests visited industrial projects, oitended triendship meatings with Panamaniak youth, alimbed the Ancon Mountain, the highest spat in Panama, went sumbathing and undertook exciting eight-speing tours around the eight-seeing tours around the

MN INFORMATION No. 14, 1982

MH-INFORMATION N

fimoviche St). Metro Historicani (Gorizoni Historicani Historicani

_ EXHIBITIONS

Politechnical Museus Novaya Sq. Entrance Market Sione Reinbow. This

Sione Reinbow. This sione Reinbow. This sione Reinbow. This sione and niher precious stones of the sione in the Magatidu Magatidu

Komsomolsky

Frunzenskaye.